

Up-regulation of long non-coding RNA XLOC_010235 regulates epithelial-to-mesenchymal transition to promote metastasis by associating with Snail1 in gastric cancer

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Supplementary File 1: Table S1. Primers used for qRT-PCR and siRNAs oligonucleotides

	sequence(5'-3')
XLOC_010235-F:	ATGCTGGAGTTTGGATCATATTCC
XLOC_010235-R	CGTCCTTCTTTGTCTCACTTCAC
Snail1-F	GCACATCCGAAGCCACAC
Snail1-R	GGAGAAGGTCCGAGCACA
CD44-F	CTGCCGCTTTGCAGGTGTA
CD44-R	CATTGTGGGCAAGGTGCTATT
Integrinbeta 1-F	CCTACTTCTGCACGATGTGATG
Integrinbeta 1-F	CCTTTGCTACGGTTGGTTACATT
ICAM-1-F	GTGACCAGCCCAAGTTGTTG
ICAM-1-R	AGTCCAGTACACGGTGAGGA
FOXF1-F	CACTCCCTGGAGCAGCCGTATC
FOXF1-R	AAGGCTTGATGTCTTGGTAGGTGA
E-Cadherin-F	TGCCTGAGAACGAGGCTAAC
E-Cadherin-R	TGGGGGCTTCATTACATCC
N-cadherin-F	TCTGGGTCTGTTTTATTACTCCTGG
N-cadherin-R	CGAGCTGATGACAAATAGCGG
Vimentin-F	AACTTAGGGGCGCTCTTGTC
Vimentin-R	CCTGCTGTCCCGCCG
MMP-2 F	CGTCTGTCCCAGGATGACATC
MMP-2 R	TGTCAGGAGAGGCCCCATAG
MMP-9 F	TGGGCAGATTCCAAACCTTT
MMP-9 R	TCTTCCGAGTAGTTTTGGATCCA
GAPDH-F	GCTCTCTGCTCCTCCTGTTC
GAPDH-R	ACGACCAAATCCGTTGACTC
scrambled	UUCUCCGAACGUGUCACGUTT

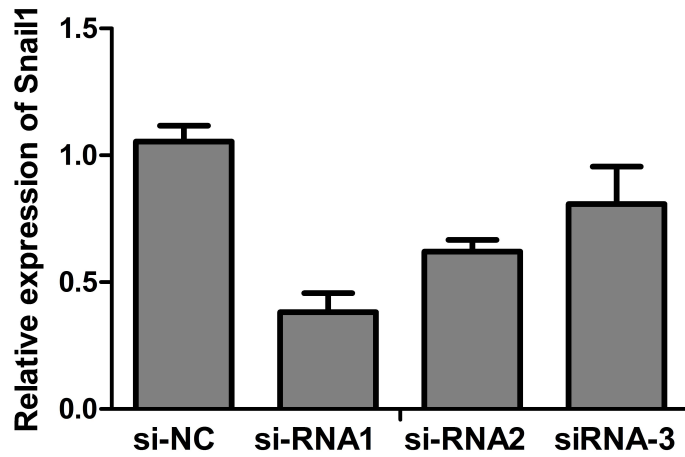
Supplementary File 2: Table S2. The sequence of lncRNA XLOC_010235 and siRNA-XLOC_010235

	sequence(5'-3')
XLOC_010235	GAAGTCTCTGGGCCCCTGCGATGTAGGTTGCCTAAGGCAGCTGTCTTGGGAGTGATGCTG GAGTTTGGATCATATTCCATGCGCCCGTGGCTCCAAATGCCATCATTCTCAGTACTGG GCAAAGGTTGTTACAGCTCAGGTGAAGTGAGACAAAGAAGGACGTCAAGAGGTTTTGCTG GGTTTGATGGGTTTCATCTGGGACGGGTTACAATGCATTTTGTGTAATCATCTCTTTTCA TTAAGTGGCAGGCATTGTAGATACAGTTCAGTCATTCTTTTTATGGCATGTTTAGTTGG CA
si-XLOC_010235-1	GGUUUGAUGGGUUUCAUCU dTdT

si-XLOC_010235-2 UCAUUAAGUGGCAGGCAUU dTdT

si-XLOC_010235-3 GCAUUGUAGAUACAGUUCA dTdT

Supplementary File 3: Figure S1. Knockdown efficiency of siRNA-Snail1



Supplementary File 4: Table S3. XLOC relative expression level and Snail1 scores of immunohistochemistry

Patient No.	XLOC expression ($\Delta\Delta C_t$ value)	Snail1scores(IHC)
1	1.2798	2
2	2.3554	4
3	2.55265	0
4	2.4539	4
5	2.47255	2
6	4.6267	0
7	6.4513	4
8	1.1974	0
9	2.566	0
10	3.3755	3
11	2.3195	3
12	11.7941	9
13	2.7411	3
14	6.498	6
15	8.23	6
16	2.3133	2
17	4.2657	4
18	12.1257	9

19	28.296	9
20	1.51571	1